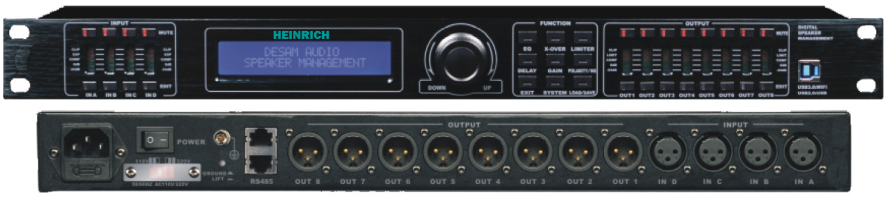
Audio Processor

DAP2IN6OUT



FEATURE:

- 96KHZ sampling frequency, 32-bit DSP processor, 24-bit A / D and D / A conversion.
- Many types of specifications for option: 2 inputs 4 outputs, 2 inputs 6 outputs, 2 inputs 8 outputs.,3 inputs 6 outputs, 4 inputs 6 outputs, 4 inputs 8 outputs, Flexible combination of multiple crossover mode, the high and low-pass crossover frequency can reach 20Hz ~ 20KHz
- Each input and output sections has 6 independent parametric EQ, adjustable gain range up to 20dB, while balancing the output channels can also choose Lo-shelf or Hi-shelf.
- Each input and output has delay and phase control and mute setting, the longest delay is 1000ms, select-able there are three delay for option: milliseconds (ms), meters (m) and feet (ft).
- Input channel can adjust the noise gate
- Output channels can also control the gain, limiter and select the input channel signal , and it can invoke all the associated parameters from one channel to another channel and realize linkage control.
- Functional set with the function keys and puller of panel directly or connecting a computer to control by PC control software. Very convenient, intuitive and simple.
- Press "SYSTEM" key on front panel to set a password to lock the panel controls, in order to protect the machine settings from cluttered by non-staff.
- With USB, WIFI, RS485 and internet to connect PC, can be connected via WIFI, can be remote controlled via internet.
- To control matrix and channel mute when connecting center control device via USB interface or channel RS485 interface.
- Be able to lock according to function to realize data confidentiality.
- Machine can store 30 user programs

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Specification:

Model	HAP2IN6OUT
Input Channel & Socket	2 channel XLR female
Output Channel & Socket	6 channel XLR male
Input impedance	20K ohm balanced
Output impedance	100K ohm balanced
PC interface	Front Panel:1 USB,(USB3.0 control interface can be extended to WIFI control interface), Real Panel: 2 Rs485 (RJ-45)
CMRR	>78dB (1KHz)
Input Range	<+25dBu
Frequency Response	20Hz-20KHz (-0.5dB)
SNR	>100dB@1KHz0dBu
THD	<0.002% OUTPUT=0dBu/1KHz
Channel separation	>88dB (1KHz)
Input Channel Function	
Input Mute	Separate mute control on each channel
Input volume	Adjustment range: -80dB-+12dB, step is 0.2dB
Input delay	Each input channel has a separate delay control, adjustment range is 0-1000ms, less than 10ms, step is 21us; 10ms-20ms, step is 84us; greater than
	20ms, step is 0.5ms;
Input phase	inverting (+)/reverse (-)
Input Equalization	Each input channel has six parametric equalizer, adjustment parameters is: center frequency: 20Hz-20KHz, 239 frequency points Bandwidth in total:
	0.05oct-3oct, step to 0.05oct gain: -20dB-+20 dB, step is 0.1dB
Input compression	Threshold: -40dBu ~ + 20dBu, step is 0.5dBu; Compression ratio: 1.0:1~20:1; <2.0:1, step is 0.1; > 2.0: 1, step is 0.5; Response time: 0.3ms ~ 200ms,
	<1ms, step is 0.1ms; > 1ms, step is 1ms; release time: 50ms ~ 5000ms, steps is 1ms
Input Expansion	Threshold: -40dBu~+20dBu, step is 0.5dBu; Compression ratio: 1:1.0~1:20; <1:2.0, step is 0.1; >1:2.0, step is 0.5; Response time: 50ms~5000ms,
	steps is 1ms, Release time:0.3ms~200ms; <1ms, step is 0.1ms; >1ms, step is 1ms
Output Channel Function	
Output Mute	Separate mute control on each channel
Output Selection	The output can individually select different input channels
Output Volume	Adjustment range: -80dB-+12dB, step is 0.2dB
Output delay	Each output channel has a separate delay control, adjustment range 0-1000ms, less than 10ms, step is 21us; 10ms-20ms, step is 84us; greater than
	20ms, step is 0.5ms
Output phase	Inverting (+)/reverse (-)
Frequency Divider Setting	Each output channel can set low pass filter (LPF) and high-pass filter (HPF) separately; adjustable parameters: Filter Type: Linkwitz-Riley/Bessel
	frequency turning point: 20Hz-20KHz, 239 a frequency attenuation slope: 12dB/oct, 18dB/oct, 24dB/oct, 30 dB / oct, 36 dB / oct, 42 dB / oct, 48dB/oct
Compression Settings	Threshold: -40dBu~+20dBu, step is 0.5dBu; Compression ratio: 1.0:1~20:1; <2.0:1, step is 0.1; >2.0:1 step is 0.5; Response time: 0.3ms~200ms;
	<1ms, step is 0.1ms; >1ms, step is 1ms, release time: 50ms~5000ms, step is 1ms.
Limiter Setting	Each output channel can set limiter separately; adjustable parameters: threshold :-40dBu-+20 dBu, step to 0.5dBu start time: 0.3ms-200ms, less than
	1ms, step 0.1 ms; greater than 1ms, in steps of 1ms release time: 50ms-5000ms
Output Equalization	Each output channel has six parametric equalizers; equalization mode has Parameter/Lo-Shelf/Hi-Shelf, Adjustable parameter under Parameter Status:
	center frequency, 20Hz-20KHz, a total of 239 frequency points Bandwidth: 0.05oct-3oct, step is 0.05oct gain: -20dB-+20 dB, step is 0.1dB, Adjustable
	parameter under Lo-Shelf and Hi- Shelf status: center frequency: 20Hz-20KHz, 239 frequency points slope in total: 6dB/12dB, gain: -20dB-+20 dB, steps
	is 0.1dB
Processor	96KHz sampling frequency, 32-bit DSP processor, 24-bit A / D and D / A conversion
Display	2 x 24 LCD displays setting menu, 6-segment LED display input / output precision digital level meter, mute and editing status
Power consumption	25W
Power Supply	AC110V/220V 50/60Hz
Dimension (W x D x H)	482 x 228 x 44mm
Net Weight	4.1Kg
Transport dimensions (W x D x H)	555 x 325 x 98mm
Gross Weight	5Kg

As per our company policy one of the constant Product improvement the right is there for reserved to modify product specifications without prior notice

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